

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060051939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 09:10
S2	1	S1 and plane	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:38
S3	1710	(257/64,E33.025,E33.028,E33.03, E33.033).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 08:29
S4	722	S3 and mask	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:39
S5	34	S3 and (mask with polycrystalline)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:41
S8	1	JP-2001102307-\$.did.	DERWENT	OR	ON	2007/06/20 10:09
S9	1	JP-2001320120-\$.did.	DERWENT	OR	ON	2007/06/20 14:36
S13	254	akitaka.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:18
S14	26	S13 and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:18
S15	1	JP-2000058461-\$.did.	DERWENT	OR	ON	2007/06/20 14:37
S16	1	JP-2002009004-\$.did.	DERWENT	OR	ON	2007/06/20 14:40
S17	1	JP-2000058981-\$.did.	DERWENT	OR	ON	2007/06/20 14:40
S18	1712	(257/64,E33.025,E33.028,E33.03, E33.033).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 08:29
S19	1319	S18 and GaN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 08:29
S20	668	S18 and (GaN with growth)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 08:30
S21	80	S18 and (GaN with growth with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 10:37
S22	1	("6225650").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 10:24

## EAST Search History

S23	1	S22 and (dislocation adj density)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 10:32
S24	1	S22 and (AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> )	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 10:35
S25	45	S18 and ((AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> ) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:50
S26	95	biwa.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:03
S27	78	S26 and Ga <sub>N</sub>	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:03
S28	72	S26 and Ga <sub>N</sub> and (AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> )	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:03
S29	68	S26 and Ga <sub>N</sub> and (AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> ) and mask	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:47
S30	1	S26 and ((AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> ) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:05
S31	1	S26 and Ga <sub>N</sub> and ((AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> ) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:49
S32	290	Ga <sub>N</sub> and ((AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> ) with mask) not S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:51
S33	290	S32 not S26	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:51
S34	88	S32 and (polycrystal or polycrystalline)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 13:10
S35	1	("7087114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 13:11
S36	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 13:11
S37	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 16:13

## EAST Search History

S38	1	S37 and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 16:16
S39	1	S37 and (S32 and undersubstrate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 16:17
S40	7	GaN and (void with (AlGaN or GaAlN or AlN) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:12
S41	2	(polycrystal or polycrystalline) with (AlGaN or GaAlN or AlN) with void	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:13
S42	8	(polycrystal or polycrystalline) with (AlGaN or GaAlN or AlN) with (cavity or defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:18
S43	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/22 10:18
S44	1	S43 and (voluminous adj defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:24
S45	1	S43 and ((voluminous adj defect) near5 mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:24